

ATTENUATORS

Type N, up to 18 GHz, 10 Watts

SPECIFICATIONS:

Models: XXN10W-XX, XXN10W-XXF & XXN10W-XXM

RoHS
Compliant

Electrical:	
Frequency Range _____	DC - 18 GHz
Standard Freq. Values _____	6, & 18 GHz
Standard dB Values* _____	0 - 10, 12, 20, 30 & 40 dB In 1 dB Increments
Attenuation Accuracy _____	DC - 12.4 GHz 12.4 - 18 GHz
0 - 6 dB _____	±0.3 dB ±0.5 dB
7 - 20 dB _____	±0.5 dB ±0.7 dB
21 - 40 dB _____	±0.7 dB ±1.0 dB
VSWR	
DC - 6 GHz _____	1.20:1 Max.
6 - 12.4 GHz _____	1.30:1 Max.
12.4 - 18 GHz _____	1.40:1 Max.
Input Power _____	10 Watts Avg. @ 25°C Derated Linearly to 2 Watts @ +125°C
Peak Power _____	500 Watts Max. (5µSec Pulse, .05% Duty Cycle)
Impedance _____	50 Ohms
Operating Temp Range _____	-65°C to +125°C
Mechanical:	
Type N Connectors _____	Passivated Stainless Steel Mates with MIL-STD-348
Conductors _____	Gold Plated Beryllium Copper
Housing _____	Anodized Aluminum

Model Number: **XXN10W-XX**

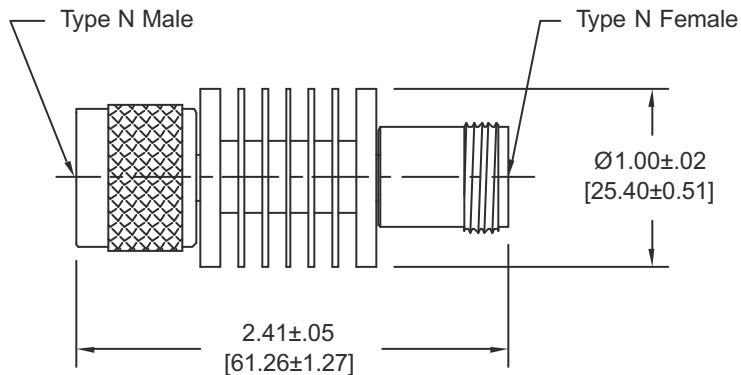
Male/Female Connectors
Length: 2.41 ±.05 [61.2 ±1.3]
Pictured

Model Number: **XXN10W-XXF**

Female/Female Connectors
Length: 2.49 ±.05 [63.2 ±1.3]

Model Number: **XXN10W-XXM**

Male/Male Connectors
Length: 2.34 ±.05 [59.4 ±1.3]



HOW TO ORDER:

Model Number: **XXN10W-XXY**

Freq. Range
6 = DC - 6 GHz
18 = DC - 18 GHz

Connector Configuration
= Male/Female
F = Fem/Fem
M = Male/Male

dB Value

Ordering Examples:

Model Number: **18N10W-20**
DC - 18 GHz; 20 dB; Type N - Male/Fem

Model Number: **6N10W-06F**
DC - 6 GHz; 6 dB; Type N - Fem/Fem

Model Number: **18N10W-03M**
DC - 18 GHz; 3 dB; Type N - Male/Male

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

XXN10W-ATT: REV M (M)



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